

Ship end June

Work Order ID 59878

Tuesday, June 15, 2010 1:07:42 PM



Page 1

Item ID: D412-791-047

Accept



Setup Start



Revision ID:

Item Name: Pitot Heat Monitoring Assembly

Stop



Start Date: 6/15/2010 Start Qty: 2.00



Cust Item ID:

Required Date: 6/21/2010 Req'd Qty: 2.00



Customer:

Reference:

Approvals:

Process Plan:

Date:

6-15

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

IIN-D412-791

B

100

0.00



DC

Document Control

Memo

0.00

Photocopy bluefile & type labels per PPP D412-791-047
CHG 001

8.10/06/02

HJ for CL 10/06/21

110

Pick Kit

0.00



Packaging

Memo

0.00

Packaging

10.6.21 (2X) SP

120

QC4- 100% Inspect kits for completeness

0.00



QC

Memo

0.00

Quality Control

8.10/06/02

(x2)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 59878

Tuesday, June 15, 2010 1:07:42 PM

Page 2

Item ID: D412-791-047

Accept

Revision ID:

Item Name: Pitot Heat Monitoring Assembly

Start Date: 6/15/2010 Start Qty: 2.00

Required Date: 6/21/2010 Req'd Qty: 2.00

Reference:

Cust Item ID:

Customer:

Approvals:

Process Plan:

Date:

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run Start

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

0.00



Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP D412-791-047

Location:

PPP rev:

140

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

u 1006.23

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Tuesday, June 15, 2010 1:07:46 PM

Page 1

Work Order ID: 59878

Parent Item: D412-791-047

Parent Item Name: Pitot Heat Monitoring Assembly




Start Date: 6/15/2010

Required Date: 6/21/2010

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP RevA: New issue DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
18-200  Quick Connector, Plug		Purchased	No			110	Each	3.0000	1	2			
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST398				3					
				112618				3					
1N4007  Diode		Purchased	No			110	Each	3.0000	4	8			
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST391				3					
				112515				3					
80-004-2-6  Insert		Purchased	No			110	Each	206.0000	3	6			
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST377				173					
				114882				73					
				114930				100					
				ST379				33					
				114728				33					

10-6-21 sl

18
M11732 (3X) 10-6-21 sl

3
10-6-21 sl (20)

5

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Tuesday, June 15, 2010 1:07:46 PM

Page 2

Work Order ID: 59878

Parent Item: D412-791-047

Parent Item Name: Pitot Heat Monitoring Assembly

Start Date: 6/15/2010

Required Date: 6/21/2010

Start Qty: 2.00

Required Qty: 2.00

D3896-1 Manufactured No

110 Each

6.0000

2

1/4



Relay



10-6-21sf

Location

Loc Qty

Loc Code

ST094

2

58733

2

ST095

4

56378

4

D3897-1 Manufactured No

110 Each

6.0000

1



Angle



10-6-21sf

Location

Loc Qty

Loc Code

ST094

6

48301

6

LED-50-17-BG-E0705 Purchased No

110 Each

4.0000

1

2



Annunciator



10-6-21sf

Location

Loc Qty

Loc Code

ST465

4

112815

4

M12883/45-01 Purchased No

110 Each

4.0000

1

2



Relay Base



10-6-21sf

Location

Loc Qty

Loc Code

ST395

4

112718

4

M81714/16-3 Purchased No

110 Each

0.0000

1

2



Terminal Blocks track



11-1991 10-6-21sf 2x

Tuesday, June 15, 2010 1:07:46 PM

Shop Packet Print

Page 2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Tuesday, June 15, 2010 1:07:46 PM

Page 3

Work Order ID: 59878

Parent Item: D412-791-047

Parent Item Name: Pitot Heat Monitoring Assembly

Start Date: 6/15/2010

Required Date: 6/21/2010

Start Qty: 2.00

Required Qty: 2.00

M81714/2-DC1 1 Purchased

No

110

Each

2.0000



Terminal Blocks

Location

Loc Qty

Loc Code

ST395

2

113367

2

M81714/2-DD2 Purchased

No

100

Each

0.0000



Terminal Blocks

M83536/2-024 1 Purchased

No

110

Each

9.0000



Relay

Location

Loc Qty

Loc Code

ST395

9

112014

1

112718

8

MS21042L06 1 Purchased

No

110

Each

231.0000



Nut

Location

Loc Qty

Loc Code

ST300

231

114330

81

114494

50

114784

100

MS21042L08 1 Purchased

No

110

Each

288.0000



Nut

Location

Loc Qty

Loc Code

ST300

288

114330

288

2 4 2x
M114991 10-6-21 SF

1 2
M114991 10-6-21 SF

2 4
10-6-21 SF

4 8
10-6-21 SF 2x

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Tuesday, June 15, 2010 1:07:46 PM

Page 4

Work Order ID: 59878

Parent Item: D412-791-047

Parent Item Name: Pitot Heat Monitoring Assembly

Start Date: 6/15/2010

Required Date: 6/21/2010

Start Qty: 2.00

Required Qty: 2.00

MS24524-23

Purchased

No

110

Each

2.0000

1

2



Switch



10-6-215f

Location

Loc Qty

Loc Code

ST308

2

112718

2

MS24524-31

Purchased

No

110

Each

1.0000

1

2



Switch, DPDT



1114991 10-6-215f

Location

Loc Qty

Loc Code

ST308

1

112718

1

MS24693-S26

Purchased

No

110

Each

172.0000

2

4



Screw



10-6-215f

Location

Loc Qty

Loc Code

ST288

172

112019

72

112719

100

MS25036-102

Purchased

No

110

Each

95.0000

15

30



Terminal Lug



10-6-215f 21

Location

Loc Qty

Loc Code

CA022

95

112616

45

112990

50

30

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Tuesday, June 15, 2010 1:07:46 PM

Page 5

Work Order ID: 59878

Parent Item: D412-791-047

Parent Item Name: Pitot Heat Monitoring Assembly

Start Date: 6/15/2010

Required Date: 6/21/2010

Start Qty: 2.00

Required Qty: 2.00

MS27039-08-14 Purchased

No

110 Each

72.0000

4

8



Screw



10-6-21 sl

Location

Loc Qty

Loc Code

ST291

72

112019

72

MS35207-260 Purchased

No

110 Each

106.0000

3

8

16



Screw



10-6-21 sl

Location

Loc Qty

Loc Code

ST295

106

112719

100

NAS1149D0363J Purchased

No

110 Each

745.0000

3

6

16



Washer



10-6-21 sl

Location

Loc Qty

Loc Code

ST298

745

113288

2

114292

143

114884

600

NAS1149DN632J Purchased

No

110 Each

168.0000

2

5

4



Washer



10-6-21 sl ap

Location

Loc Qty

Loc Code

ST297

168

112794

68

114382

100

4

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Tuesday, June 15, 2010 1:07:46 PM

Page 6

Work Order ID: 59878

Parent Item: D412-791-047

Parent Item Name: Pitot Heat Monitoring Assembly

Start Date: 6/15/2010

Required Date: 6/21/2010

Start Qty: 2.00

Required Qty: 2.00

NAS1149DN832J

Purchased

No

110

Each

680.0000

8

16



WASHER



10-6-21 SP

Location

Loc Qty

Loc Code

ST297

300

114883

300

ST298

380

114740

380

HW210

Purchased

No

110

Each

2.0000

1

2



Resistor, 1k ohms



10-6-21 SP (20)

Location

Loc Qty

Loc Code

ST390

2

112736

1

113331

1

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

7.0 PARTS LIST

QTY -011	QTY -041	QTY -043	QTY -045	QTY -047	QTY -049	PART NUMBER	DESCRIPTION
X						D412-791-011	SAFETY ENHANCEMENT KITS COMPLETE
1	X					D412-791-041	FLASHLIGHT KIT
1		X				D412-791-043	MAPBOX KIT
1			X			D412-791-045	EXIT ILLUMINATION KIT
1				X		D412-791-047	PITOT HEAT MONITORING KIT
1					X	D412-791-049	STANDBY ATTITUDE BATTERY MONITORING KIT
	2					D3921-1	FLASHLIGHT
	4					D3922-1	CLIP
	2					D3923-1	ANGLE
	4					D3924-1	SHIM
	8					MS20426AD3-6	RIVETS
	6					MS20470AD4-5	RIVET
	4					MS21059-L3	ANCHOR NUT
	4					MS35207-264	SCREW
		1				D3936-041	MAPBOX
		4				MS35207-244	SCREW
			16			D3937-041	PHOTOLUMINESCENT STRIPS
			90			D3950-1	RIVET (INCLUDES 10 EXTRA)
				1		18-200	CONNECTOR
				4		1N4007	DIODE
				3		80-004-2-6	POTTED INSERTS
				2		D3896-1	RELAY
				1		D3897-1	ANGLE
				1		LED-50-17-BG-E0705	ANNUNCIATOR
				1		M12883/45-01	RELAY BASE
				1		M81714/16-3	TERMINAL BLOCKS TRACK
				2		M81714/2-DC1	TERMINAL BLOCKS
				1		M81714/2-DD2	TERMINAL BLOCKS

• COPYRIGHT © 2009 BY DART AEROSPACE LTD •

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

Revision: B

Date: 09. 07.22

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

DART AEROSPACE LTD.

IIN-D412-791

Page 33 of 33

QTY -011	QTY -041	QTY -043	QTY -045	QTY -047	QTY -049	PART NUMBER	DESCRIPTION
				1		M83536/2-024	RELAY
				2		MS21042L06	NUT
				4		MS21042L08	NUT
				1		MS24524-23	SWITCH, DPDT
				1		MS24524-31	SWITCH, DPDT
				2		MS24693S26	SCREW
				15		MS25036-102	TERMINAL LUGS, #6
				4		MS27039-0814	SCREW
				3		MS35207-260	SCREW
				3		NAS1149D0363J	WASHER
				2		NAS1149DN632J	WASHER
				8		NAS1149DN832J	WASHER
				1		HW210	RESISTOR, 1K OHMS
					1	18-200	CONNECTOR
					5	1N4007	DIODE
					3	80-004-2-6	POTTED INSERTS
					1	D3897-1	ANGLE
					1	D3938-1	DECAL
					1	LED-50-17-HK-E0700	ANNUNCIATOR (STBY BATT)
					1	M12883/45-01	RELAY BASE
					1	M81714/16-3	TERMINAL BLOCKS TRACK
					2	M81714/2-DC1	TERMINAL BLOCKS
					1	M81714/2-DD2	TERMINAL BLOCKS
					1	M83536/2-024	RELAY
					2	MS21042L06	NUT
					2	MS24693S26	SCREW
					3	MS35207-260	SCREW
					3	NAS1149D0363J	WASHER
					2	NAS1149DN632J	WASHER
					1	HW210	RESISTOR, 1K OHMS

• COPYRIGHT © 2009 BY DART AEROSPACE LTD •

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

Revision: B

Date: 09. 07.22

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries